

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/02735

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ B24B27/06, B28D1/08, B01J35/04, B01D39/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ B24B27/06, B28D1/08, B01J35/04, B01D39/20, B28B11/14,
B26F3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-96116 A (Ibiden Co., Ltd.), 10 April, 2001 (10.04.01), Claims; Par. No. [0055] (Family: none)	1-7
X Y	JP 3-270895 A (Fuji Heavy Industries Ltd.), 03 December, 1991 (03.12.91), Claims; page 1, lower right column, lines 11 to 14; Fig. 3 (Family: none)	1, 7 2-6
X Y	JP 4-57675 A (Fuji Heavy Industries Ltd.), 25 February, 1992 (25.02.92), Claims; page 2, lower left column, lines 14 to 18; Fig. 3 (Family: none)	1, 7 2-6

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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Date of the actual completion of the international search
09 June, 2003 (09.06.03)Date of mailing of the international search report
24 June, 2003 (24.06.03)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 56-129113 A (Matsushita Electric Industrial Co., Ltd.), 09 October, 1981 (09.10.81), Page 1, lower right column, lines 7 to 9; Fig. 3C (Family: none)	1 2-7
X Y	JP 2001-96524 A (Nippon Glass Co., Ltd.), 10 April, 2001 (10.04.01), Claims; Par. No. [0017] (Family: none)	1 2-7
X	JP 3-169347 A (Nippon Glass Co., Ltd.), 23 July, 1991 (23.07.91), Page 3, upper right column, lines 16 to 20 (Family: none)	1, 7